

Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

EC-QCL mid-IR transmission spectroscopy for monitoring dynamic changes of protein secondary structure in aqueous solution on the example of β -aggregation in alcohol-denaturated α -chymotrypsin

Mirta R. Alcaráz, Andreas Schwaighofer, Héctor Goicoechea, Bernhard Lendl

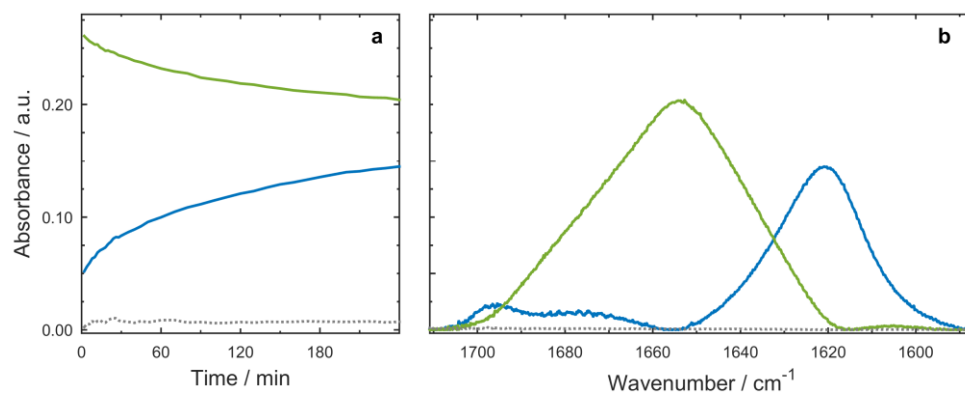


Fig. S1 (a) Temporal and (b) spectral profiles retrieved by extended MCR-ALS for 30 mg mL⁻¹ aCT in 50 % TFE/buffer solution at pH 6.6. *Solid green* and *solid blue* lines show individual contributions of α -helical and intermolecular β -sheet conformation, respectively. *Dashed grey* lines indicate the instrumental noise of the system.